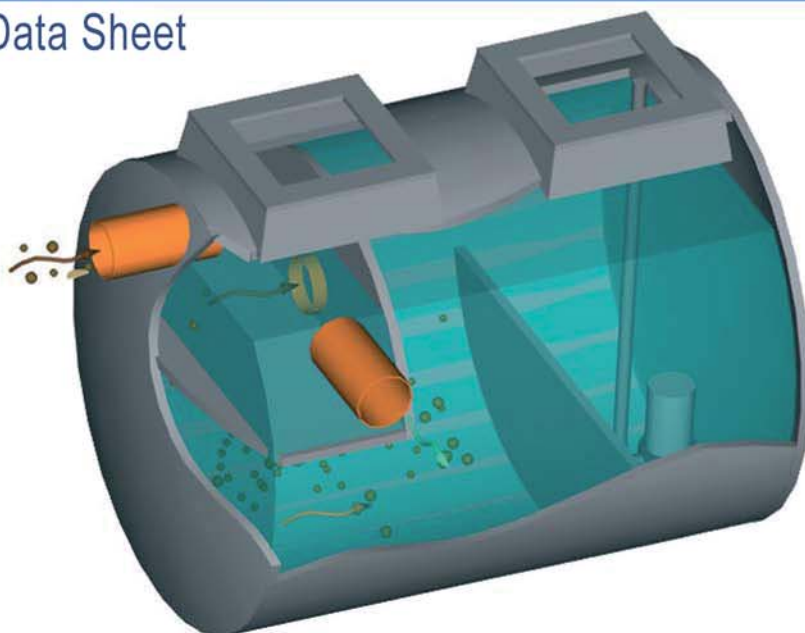


Technical Data Sheet



Description

The mod. VPPQ/A/B/C FIRST RAIN TANK is made of FRP (Fiberglass Reinforced Polyester). Thanks to this material, the system is lightweight, chemical resistant and possesses particularly high mechanical strength that makes it vehicle-resistant and fit for category 1 roads. It is fit for storing first rain water in accordance with Italian Law decree D. Lgs. 152/06 and successive Italian regional laws. It is also able to separate the first rain water when a continuous oil-separating treatment is already installed. Mod. VPPQ/A/B/C is equipped with a built-in bypass overflow, float shutter or solenoid valve, rain sensor (certain models), storage tank, submersible booster pump to convey the stored and decanted water towards the downstream oil-separator in the timed mode with delayed start, an electric control and monitoring panel.

The versions of the mod. VPP system are outlined in the table below:

		Version			
		VPPQ	VPPQA	VPPQB	VPPQC
Accessories	Rain sensor	•	-	-	•
	IN solenoid valve	-	-	•	•
	IN float shutter	•	•	-	-

Technical Specifications

model	VPPQ/A/B/C	2000	3000	4000	5000	6000	8000	9000	10000	12500	15000	20000	25000	30000	35000	40000	50000
internal diameter	D	m	1.20	1.20	1.60	1.60	2.00	2.00	2.00	2.00	2.00	2.40	2.40	2.40	2.40	2.40	2.40
nominal length	L	m	2.20	3.30	2.40	3.00	3.70	2.90	3.40	3.90	4.90	5.90	6.70	8.10	9.60	11.00	13.70
nominal length of settler/accumulation zone	L1	m	2.20	3.30	2.40	3.00	3.70	2.90	3.40	3.90	4.90	5.90	6.70	8.10	9.60	11.00	13.70
diameter of IN manifolds		mm	200	200	200	200	200	200	315	315	315	315	315	315	400	400	400
diameter of OUT manifolds		mm	200	200	200	200	200	200	315	315	315	315	315	315	400	400	400
inlet - outlet height	H in-bypass	m	1.00	1.00	1.40	1.40	1.40	1.80	1.80	1.65	1.65	1.65	2.05	2.05	2.05	2.00	2.00
outlet height	H out	m	1.00	1.00	1.40	1.40	1.40	1.80	1.80	1.65	1.65	1.65	2.05	2.05	2.05	2.00	2.00
total geometric volume of tank		m ³	2.49	3.79	4.82	6.03	7.44	9.36	10.68	12.25	15.39	18.53	24.42	30.29	36.62	43.41	49.74
first rain accumulation and settling volume		m ³	2.22	3.38	4.49	5.61	6.92	8.88	10.13	11.00	13.82	16.64	22.52	27.94	33.78	38.69	44.33
settling volume		m ³	0.26	0.39	0.48	0.60	0.95	0.86	1.08	1.02	1.37	1.72	2.20	2.85	3.55	3.87	4.50
first rain accumulation volume		m ³	2.00	3.05	4.06	5.07	6.03	8.08	9.12	10.01	12.53	15.02	20.45	25.26	30.44	35.16	40.23